

Wavelength conversion pouring material, its use and manufacturing method

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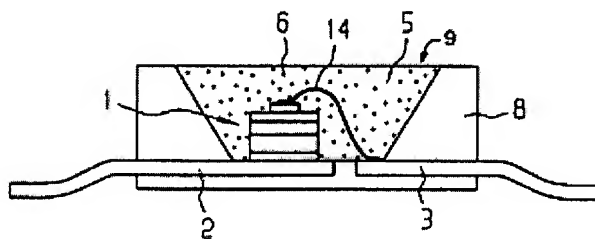
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The wavelength-converting casting composition is based on a transparent epoxy casting resin with a luminous substance admixed. The composition is used in an electroluminescent component having a body that emits ultraviolet, blue or green light. An inorganic luminous substance pigment powder with luminous substance pigments is dispersed in the transparent epoxy casting resin. The luminous substance is a phosphorous group of the general formula $A_3B_5X_{12}M$, and the luminous substance pigments have particle sizes $<20 \mu m$ and a mean grain diameter $d_{50} < 5 \mu m$.



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